Page 3 of 3

To: Central Number

2005-12-14 20:27:29 (GMT)

## 719 623-0141 From: Jim Huffman

## RECEIVED **CENTRAL FAX CENTER**

DEC 1 4 2005

PTD/SB08A (08-05)
Approved to use Brough 10/31/2002. ONG 0851-0031
U.S. Petoni and Trademark Office: U.S. DEPARTMENT OF CONMERCE
Under the Paperwork Reduction Act at 1995, no persons are required to respond to a collection of information united a portions as valid OMS control number.

C. bally to for form 1440A	Substitute for form 1449A/PTO			Complete If Known		
Substitute for form 1449/VPTO				Application Number	10/759564	
INFORM	<b>IATION DIS</b>	CLOSURI	E	Filing Date	1/16/2004	
STATE	MENT BY A	PPLICAN1	Γ	First Named Inventor	Rodney E. Hooker	
		•	-	Group Art Unit	2188	
(use a:	s many sheets as	necessary		Examiner Name	Mano Padmadabahn	
Sheet	1	of	1 .	Attorney Docket Number	CNTR.2229	
	<u> </u>					

			U.S. PATENT	DOCUMENTS	
Examiner Cite		Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where
Initials*	No.1	Number-Kind Code <sup>2(il tream)</sup>	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear
- KO		2002144061	10-03-2002	Faanes et al.	
RD		2004133886	07-08-2004	Youfeng Wu	
		. ,			
	$\Box$				
			. [		
		·			
<del></del>		· · · · · · · · · · · · · · · · · · ·			
	1	······································	1		
			<del> </del>		
<del></del>			<del>                                     </del>		

		FOREIG	N PATENT DO	CUMENTS		
Examiner	Cite	. Foreign Patent Document	Publication Date	Name of Patentee or	Pages, Columns, Lines,	τ°
Initials*	No.'	Country Code <sup>3</sup> - Humber <sup>4</sup> - Kind Code <sup>5 (V incom)</sup>	MM-OD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear	<u> </u>
<u> </u>						-
						<del> </del>
					·	↓
						<u> </u>
				,		<u> </u>
						$oxed{oxed}$

Examiner Signature	A. On	Date Considered	3/15/06

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kind Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. Enter Office that issued the document, by the two-letter code (WIPO) Standard ST.3). For Japanese patent documents, the Indication of the year of the reign of the Emperor must precede the serial number of the patent document. "Nad of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. "Applicant is to place

document. "And of document by the appropriate symbols as inactated on the document under VNPO Standard S1.16 if possible." Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Petent and Tradements Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Petents, P.O. Box 1450, Alexandria, VA 22313-1450
If you need assistance in completing this form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

## RECEIVED CENTRAL FAX CENTER

DEC 1 2 2005

Subalitata das faces as sea and minima		Complete If Known			
Substitute for form 1449/VI	Substitute for form 1449A/PTO			Application Number	10/759564
INFORM	ATION DIS	SCLOSU	RE	Filing Date	1/16/2004
STATE	ENT BY A	PPLICA	NT	First Named Inventor	Rodney E. Hooker
				Group Art Unit	2188
(use as	many sheets a	s necessary		Examiner Name	Mano Padmadabahn
Sheet	1	of.	1	Attorney Docket Number	CNTR,2229

	U.S. PATENT DOCUMENTS										
Examiner Cita		Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where						
Initials*	No.1	Number-Kind Code <sup>2(tracoun)</sup>	MM-DD-YYYY	Applicant of Cited Document	Relevant Passages or Relevant Figures Appear						
RD		5930820	07-27-1999	Thomas W. Lynch							
RI)		8151661	11-21-2000	Adams et al.							
R1)		20040186959	09-23-2004	Takuji Kawamoto							
RI)		6415380	07-02-2002	Toshinori Sato							

	FOREIGN PATENT DOCUMENTS											
Examiner	Cite	Foreign Patent Document	Publication Date	Name of Patentee or	Pages, Columns, Linas.							
Initials*	No.1	Country Code <sup>8</sup> Number <sup>4</sup> - Kind Code <sup>8 (7 accom)</sup>	MM-DD-YYYY	Applicant of Cited Document	Where Relevant Passages or Relevant Figures Appear							
(KI)	AA	GB2307319	05-21-1997	Han Heung Kim								

		NON PATENT LITERATURE DOCUMENTS	
Examiner Initials*	Cite No.'	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	₹2
RO	вА	*Dual On-Chip Instruction Cache Organization in High Speed Processors.* IBM Technical Disclosure Buffelin. IBM Corp. New York, US. Volume 37, No. 12, December 1994, pages 213-214.	
			T

		٠. ۸	and the same of th			
Examiner Signature	ton	A	<u></u>	Dato Considered	3/15/06	

If you need essistance in completing this form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

Applicant's unique diation designation number (optional). \*Applicant is to place a check mark here if English tanguage Translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, propering, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. 80x 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. 80x 1450, Alexandria, VA 22313-1450.

Substitute f	Substitute for form 1449A/PTO			Complete if Known		
IN	FORMATION	פוח	CLOSURE	Application Number	NA	
	TATEMENT B			Filing Date	Herewith	
ာ	IAIEMENIE	) i Ar	PLICANI	First Named Inventor	Rodney E. Hooker	
	(use as many she	ets as	necessary	Group Art Unit		
			•	Examiner Name		
Sheet 1 of 3				Attorney Docket Number	CNTR.2229	

Examiner Cite	Cite	U.S. Patent De		Name of Patentee or Applicant	Date of Publication of	Pages, Columns, Lines, Where Relevant
Initials	No.1	, Number	Kind Code <sup>2</sup>	of Cited Document	Cited Document MM-DD-YYYY	Passages or Relevant Figures Appear
RD)	AA	5043870	1	Ditzel et al	08/27/1991	
RV	AB	5953741		Evoy et al	09/14/1999	·
RD	AC	6009499		Sailendra Koppala	12/28/1999	
(L)	AD	6532531	6532531 O'Connor et al		03/11/2003	

	FOREIGN PATENT DOCUMENTS										
Examiner	Cite	Foreign Patent	Document	Name of Patentee or Applicant	Date of Publication of	Pages, Columns, Lines, Where Relevant					
Initials	No.	Number <sup>4</sup>	Kind Code <sup>5</sup>	of Cited Document	Cited Document MM-DD-YYYY	Passages or Relevant Figures Appear					
				~							
	$\longrightarrow$										
	$\sqcup$										
	$\sqcup$										
		<u> </u>	_ _								
	1 1		- 1	]		1					

Examiner Signature	1	~ A		Date Considered	3/15	-/X

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, include copy of this form with next communication to applicant.

<sup>&</sup>lt;sup>1</sup>Unique diation designation number. <sup>2</sup>See attached Kinds of U.S. Patent Documents. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST .3), <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

PTO/SB/08A (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO				Complete if Known		
l in	IEODMATION	פוח ו	CI OSLIRE	Application Number	NA	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT				Filing Date	Herewith	
				First Named Inventor	Rodney E. Hooker	
	(use as many sh	eets as	necessary	Group Art Unit		
				Examiner Name		
Sheet	2	of	2	Attorney Docket Number	CNTR.2229	

	OTHER PRIOR ART-NON PATENT LITERATURE DOCUMENTS							
Examiner Initials*	Cite No.1	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.						
RD	AA	(in the file SCreport.pdf): Implementing a Stack Cache; Hensath, Morton, Sjodin; obtained from <a href="http://www.owlnet.rice.edu/~elec525/projects/SCreport.pdf">http://www.owlnet.rice.edu/~elec525/projects/SCreport.pdf</a> ; accessed on 8-13-2003.						
RD	AB	(in the file JavaStack Cache.doc); Design Issues — Stack Cache; obtained from http://murray.newcastle.edu.au/users/students/1999/c9510422/design1.html; http://murray.newcastle.edu.au/users/students/1999/c9510422/design3.html; http://murray.newcastle.edu.au/users/students/1999/c9510422/design3.html; http://murray.newcastle.edu.au/users/students/1999/c9510422/design4.html; http://murray.newcastle.edu.au/users/students/1999/c9510422/architecture.html; accessed on 12-02-2003.						
RN	AC	(in the fine AMD Hammer micro architecture.pdf): AMD's Hammer micro architecture; <a href="http://chip-architect.com/news/hammer.ipg">http://chip-architect.com/news/hammer.ipg</a> ; accessed on 08-29-2002.						

Examiner Signature	9h /	- Tom	Date Considered	3/5/0	
Signature	1	1.	Considered	15/4	

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

<sup>\*</sup>EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered, include copy of this form with next communication to applicant.

<sup>&</sup>lt;sup>1</sup>Unique citation designation number. <sup>2</sup>Applicant is to place a check mark here if English language Translation is attached.

## RECEIVED 719 623-0141 From: Jim Huffman CENTRAL FAX CENTER

JAN 2 3 2006

PTC/SSISSA (08-03)
Approved for use through 10/21/2002. OMB 0851-0031
U.S. Patent and Trademer's Office: U.S. DEPARTMENT OF COMMERCE
Under the Papermork Reduction Act of 1995, he persons are required to respond to a collection of information unless it contains 6 valid OMB control number.

2				Con	Complete If Known		
Substitute for form 1449A/F	10			Application Number	10/759564		
INFORM	ATION DIS	CLOSUR	E	Filing Date	1/16/2004		
STATEM	ENT BY A	PPLICAN	T	First Named Inventor	Rodney E. Hooker		
		•	•	Group Art Unit	2188		
88 <del>o</del> eu)	many sheets as	necessary		Examiner Name	MANO PADMANABHAN		
Sheat	1	of	1	Attorney Docket Number	CNTR.2229		

U.S. PATENT DOCUMENTS							
Examiner	Cite	Document Number	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where		
Initials* No.1		Number-Kind Code <sup>2pi known)</sup>	MM-DD-YYYY Applicant of Cited Document		Relevant Passages or Relevant Figur Appear		
R()		5960487	09-28-1999	Mahalingalah et al.			
		<del></del>					
		<del> </del>			<del></del>		
	-				<u> </u>		
<u> </u>				A			
				***************************************			
<u></u>							
					<u> </u>		
	ll		<u></u>		<u></u>		

		FOREIG	IN PATENT DO	CUMENTS		
Examiner	Cite	Foreign Patent Document	Publication Date	Name of Patentee or	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	7.0
tnitials*	No.1	Country Code <sup>2</sup> - Number <sup>4</sup> - Kind Code <sup>3</sup> (************************************	MM-DD-YYYY	Applicant of Cited Document .		Ľ
						<u> </u>
					•	
						丄
					<u> </u>	ᆫ
		· ·				<u> </u>
		•				L
						1

	<u> </u>			7		
Examiner Signature	G-	A	=	Jon	Date Considered	3.15/04

"EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. Applicant's unique citation designation number (optional). See Kind Codes of USPTO Patent Documents at <a href="https://www.uspto.gov">www.uspto.gov</a> or MPEP 901.04. Enter Office that issued the document, by the two-lotter code (WIPO Standard ST.3). For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. \*Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file

This collection of information is required by 37 CFR 1.97 and 1.88. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentially is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the included case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing this form, call 1-800-PTO-9199 (1-800-788-9199) and select option 2.